

Title (en)

Block coded modulation system.

Title (de)

Blockkodiertes Modulationssystem.

Title (fr)

Système de modulation à codage en blocs.

Publication

EP 0475464 A2 19920318 (EN)

Application

EP 91119521 A 19840416

Priority

- EP 84302588 A 19840416
- US 48506983 A 19830414

Abstract (en)

A block of digital data bits is sent over a band-limited channel using a plurality of modulation signal points drawn from a two-dimensional constellation of available signals. The constellation comprises a plurality of inner signals, and a plurality of outer signals located farther from the origin than the inner signals. One bit of the block of digital data determines whether any of the plurality of signal points will be drawn from the outer signals. If an outer signal will be drawn, at least one other bit of the block of digital data determines which of the plurality of signal points will be an outer signal point. <IMAGE>

IPC 1-7

H04L 27/00; **H04L 27/34**

IPC 8 full level

H03M 13/25 (2006.01); **H04L 27/34** (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

BE CH FR GB LI NL SE

DOCDB simple family (publication)

EP 0122805 A2 19841024; **EP 0122805 A3 19860507**; CA 1217530 A 19870203; EP 0475464 A2 19920318; EP 0475464 A3 19920401; EP 0475464 B1 19970312; HK 1008718 A1 19990514; JP H0657021 B2 19940727; JP S59205860 A 19841121; US 4597090 A 19860624

DOCDB simple family (application)

EP 84302588 A 19840416; CA 451966 A 19840413; EP 91119521 A 19840416; HK 98107184 A 19980627; JP 7569184 A 19840414; US 48506983 A 19830414